

Appl.No. 10/711,357

Amdt. Dated July 23, 2006

Reply to Office action of May 16, 2006

REMARKS/ARGUMENTS

"Claim Rejections - 35 USC 103

4. Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bhaskaran et al. (U.S. 2004/0141630) in view of Yamamoto (U.S. 5,802,179)."

The "DETAILED ACTION 4." of the examiner's letter (5/16/2006) is a copy of the "DETAILED ACTION 4." of the examiner's letter (3/1/2006), which I answered at my letter (3/14/2006) already. I do not want to waste examiner's time to copy that answer here, I would like only to emphasize that my invention claims: using only a Personal Computer to achieve record sound to picture and play back, except an ordinary printer and scanner.

As claimed in my [claim 1]:

1. The system to record sound to photograph and to play back comprises:

(a) Means for recording and digitizing the said sound to produce a digital sound data using microphone and various recorders;

(b) Means for entering the said digital sound data into a Personal Computer;

(c) Means for compressing and encoding the said digital sound data into a 2-dimensional barcode using the said Personal Computer;

(d) Means for printing the said 2-dimensional barcode on to the side of the said photograph, which appears as a graphic picture, using the said Personal Computer and a printer;

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(e) Means for printing the said 2-dimensional barcode on to the back of the said photograph, which appears as a graphic picture, using the said Personal Computer and a printer;

(f) Means for scanning the said graphic picture to produce digital data representing the information of the said 2-dimensional barcode, using the said Personal Computer and a scanner;

(g) Means for decoding and uncompressing the said digital data of the said 2-dimensional barcode to produce the said digital sound data, using the said Personal Computer;

(h) Means for playing the said digital sound data to sound, using the said Personal Computer and a speaker.

My [Claim 1] comprises 8 items, 7 of them include "using the said Personal Computer".

Also, as in SUMMARY OFF THE INVENTION [Para 10]:

Thus, with a Personal Computer, include the desktop PC, the laptop PC, the palm PC, the PDA, the cellular phone, the digital camera and any other computer, plus the sound recording device, printer, and optical scanner or digital camera header, the ordinary users can record and play back their voice or song or any sound to and from their photograph; or record and play back the music to and from a scenic picture or postcard; or record and play back their greeting speech to and from their greeting card.

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My invention claims a simple new, easy and low cost method (using a PC) to record sound to picture and play back.

But, in all patents cited by examiner in all his letters, no one shows or suggests or claims this kind method (using a PC) to record sound to picture and play back.
Withdrawal of this rejection is respectfully requested.

"Response to Argument"

5. Applicant's arguments filed on 3/14/2006 have been fully considered but they are not persuasive."

In my letter (3/14/2006), I said:

My invention teaches people how to use a Personal Computer (PC) to print sound on to a photograph and how to use a PC to read back and play the sound (Claim 1). My invention claims "a program" running on a PC to record and play back sound and music (Claim 2) that means a CD with software.

Examiner disagree with me because we have different understand with the concept of "program"(See [Claim 2]). In my concept, the "program" is an "Application Program", like Adobe's Acrobat, Microsoft's Word, or USPTO's Electronic Filing System ePAVE, et al. These programs include lots of modules, "running in a PC", achieve a special application and commonly sold or published as a CD. The "program", in my [Claim 2], is this kind of "program": it include total 7 modules (See [Claim 2]), "running in a PC", achieve a special application: to record sound to picture and play back.

Even we do not argue with concept, in all patents cited by examiner in all his letters, no one shows or suggests or claims this kind "program", which includes all these 7 modules I claimed in my [Claim 2], "running in a PC", to record sound to picture and play back. Withdrawal of this rejection is respectfully requested.

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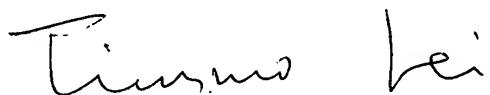
CONCLUSION

My invention shows, suggests and claims a new, easy and low cost method to record sound and music on photograph and play back using a PC and 2-dimensional bar code. Withdrawal of rejection is respectfully requested.

Tani (US 2004/0041026), Fukunaga et al. (US 2005/0052695) and (US 2005/0162699), all did not show or suggest or claim to only using a PC and 2-dimensional bar code to record and play back sound recorded on a photograph.

Respectfully submitted,

Tianmo Lei

A handwritten signature in black ink, appearing to read "Tianmo Lei".

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